Attorney Docket No.0020-4922

BIRCH, STEWART, KOLASCH & BIRCH, LLP P.O. Box 747 • Falls Church, Virginia 22040-0747

PLEASE NOTE: YOU MUST COMPLETE THE FOLLOWING

Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Insert Title:	MAGNET	IC RECOR	DING MEDIUM						
Fill in Appropriate Information -	the specification of which is attached hereto. If not attached hereto, the specification was filed on October 31, 2001 as United States Application Number;								
For Use Without	United States Appli	cation Number			(if ap	plicable	and/or		
Specification Attached:	the specification wa		(if applicable) and/or as PCT						
	International Application Numberamended under PCT Article 19 on					and was			
	I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as								
	amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, \$1.56.								
	thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representative or assigns more than twelve months (six months for designs) prior to this application, and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as follows. I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate								
	a filing date before that of Prior Foreign Applica		Priority Claimed						
Insert Priority	9		nan	October 31, 20			_		
Information: (if appropriate)	2000-333928 (Number)	(Country)	oan	(Month/Day/Year Filed)	<u> </u>	[♥] Yes	∐ No		
(appropriate)	(,	(= 3				П			
	(Number)	(Country)	•	(Month/Day/Year Filed)		Yes	No		
	(Number)	(Country)		(Month/Day/Year Filed)		Yes	No		
	(Number)	(Country)		(Month/Day/Year Filed)		□ Yes	□ No		
	I hereby claim the benefit under Title 35, United States Code, \$119(e) of any United States provisional applications(s) listed below.								
Insert Provisional Application(s): (if any)	(Application Number)			(Filing Date)					
	(Application Number) (Filing Date)								
	All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More than 12 Months (6 Months for Designs) Prior to the Filing Date of This Application:								
	Country		Application Number	Date of Fili	ng (Month/Day/	'Year)			
Insert Requested Information: (If appropriate)				·					
	I hereby claim the benefit under Title 35, United States Code, §120 of any United States and/or PCT application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States and/or PCT application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.								
Insert Prior U.S. Application(s): (if any)	(Application Number)		(Filing Date)	(Status - pa	atented, pending,	abandor	ned)		
Page 1 of 2	(Application Number)		(Filing Date)	(Status - pa	atented, pending,	abandor	ned)		

0020-4922P Attorney Docket No.

I hereby appoint the following attorneys to prosecute this application and/or an international application based on this application and to transact all business in the Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the attorneys identified below, unless the inventor(s) or assignee provides said attorneys with a written notice to the contrary:

Raymond C. Stewart	(Reg. No. 21,066)	Terrell C. Birch	(Reg. No. 19,382)
Joseph A. Kolasch	(Reg. No. 22,463)	James M. Slattery	(Reg. No. 28,380)
Bernard L. Sweeney	(Reg. No. 24,448)	Michael K. Mutter	(Reg. No. 29,680)
Charles Gorenstein	(Reg. No. 29,271)	Gerald M. Murphy, Jr.	(Reg. No. 28,977)
Leonard R. Svensson	(Reg. No. 30,330)	Terry L. Clark	(Reg. No. 32,644)
Andrew D. Meikle	(Reg. No. 32,868)	Marc S. Welner	(Reg. No. 32,181)
Joe McKinney Muncy	(Reg. No. 32,334)	Donald J. Daley	(Reg. No. 34,313)
John W. Bailey	(Reg. No. 32,881)	John A. Castellano	(Reg. No. 35,094)
Gary D. Yacura	(Reg. No. 35,416)		

Send Correspondence to:

BIRCH, STEWART, KOLASCH & BIRCH, LLP

Customer No. 2292 or

P.O. Box 747 • Falls Church, Virginia 22040-0747 Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of First or Sole Inventor Insert Name of INVENTOR'S SIGNATURE DATE* GIVEN NAME/FAMILY NAME t Peans of ventor it Date This reument is Signed Nov. 28. 2001 Masakazu TANI CITIZENSHIP Residence (City, State & Country) nsert Chizenship Nagaokakyo-shi, Kyoto-fu, Japan Japan POST OFFICE ADDRESS (Complete Street Address including City, State & Country) 15-3, Okukaiinji Higashiyama, Nagaokakyo-shi, Kyoto-fu, Japan DATE* INVENTOR'S SIGNATURE Full Name of Second GIVEN NAME/FAMILY NAME Yoshiyuki Makida NOV 28.2001 Yoshiyuki MAKITA CITIZENSHIP Residence (City, State & Country) Japan Otokuni-gun, Kyoto-fu, Japan POST OFFICE ADDRESS (Complete Street Address including City, State & Country) 18-6, Oyamazaki Shirie, Oyamazaki-cho, Otokuni-gun, Kyoto-fu, Japan DATE* INVENTOR'S SIGNATURE Full Name of Third GIVEN NAME/FAMILY NAME Inventor, if any: see above Norihisa YOSHIMOTO Nov. 28, 200/ CITIZENSHIP Residence (City, State & Country) Otokuni-gun, Kyoto-fu, Japan Japan POST OFFICE ADDRESS (Complete Street Address including City, State & Country) Daiichikoyo-ryo 324, 1, Oyamazaki KoazaKoizumi, Oyamazaki-cho, Otokuni-gun, Kyoto-fu, Japan INVENTOR'S SIGNATURE/ Full Name of Fourth GIVEN NAME/FAMILY NAME Inventor, if any: see above 6v. 25. 200/ Kenichiro YOSHIDA CITIZENSHIP Residence (City, State & Country) Toyonaka-shi, Osaka-fu, Japan Japan POST OFFICE ADDRESS (Complete Street Address including City, State & Country) 3-1-57, Senrien, Toyonaka-shi, Osaka-fu, **INVENTOR'S SIGNATURE** DATE* Full Name of Fifth GIVEN NAME/FAMILY NAME Name ... ventor, if any: see above CITIZENSHIP Residence (City, State & Country) POST OFFICE ADDRESS (Complete Street Address including City, State & Country)

(Rev. 01/05/2000)

Page 2 of 2

PLEASE NOTE: YOU MUST

COMPLETE THE FOLLOWING:

err Residence

Insert Post Office Address

*DATE OF SIGNATURE